

TARGETS 1D & 1E

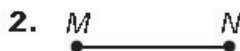
Name _____ Date _____

LESSON 1.2

Practice B

For use with pages 9–14

Measure the length of the segment to the nearest tenth of a centimeter.

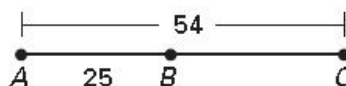


Use the Segment Addition Postulate to find the indicated length.

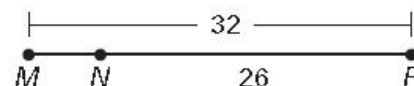
4. Find RT .



5. Find BC .



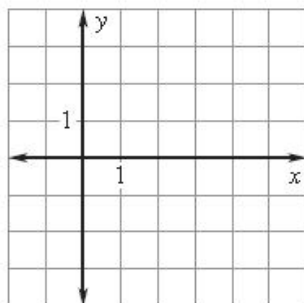
6. Find MN .



Plot the given points in a coordinate plane. Then determine whether the line segments named are congruent.

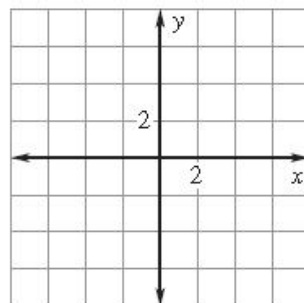
7. $A(2, 2)$, $B(4, 2)$, $C(-1, -1)$, $D(-1, 1)$;

\overline{AB} and \overline{CD}



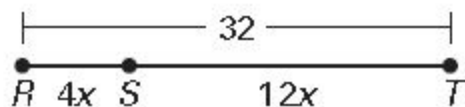
8. $M(1, -3)$, $N(4, -3)$, $O(3, 4)$, $P(4, 4)$;

\overline{MN} and \overline{OP}

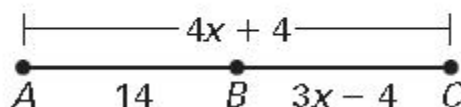


Find the indicated length.

9. Find ST .



10. Find AC .



Point J is between H and K on \overline{HK} . Use the given information to write an equation in terms of x . Solve the equation. Then find HJ and JK .

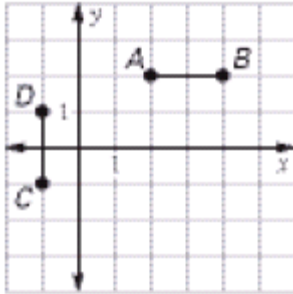
11. $HJ = 5x - 3$
 $JK = x - 9$
 $KH = 5x$

Answer Key

Targets 1D & 1E

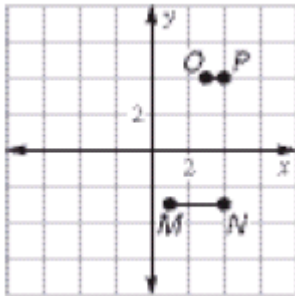
Practice Level B

1. 3.4 cm
2. 2 cm
3. 2.4 cm
4. 25.5
5. 29
6. 6
- 7.



congruent

8.



not congruent

9. 24
10. 28
11. $5x - 3 + x - 9 = 5x$; $HJ = 57$; $JK = 3$